



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket No.: 50642/270979		Application No. 10/084,291			
		Applicant: C. Carson					
		Filing Date: February 27, 2002		Group Art Unit 3764			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Translation
		5,383,454	01/24/95	Bucholz			
		5,389,101	02/14/95	Heilbrun et al.			
		5,603,318	02/18/97	Heilbrun et al.			
		5,643,268	07/01/97	Vilsmeier et al.			
		5,682,886	11/04/97	Delp et al.			
		5,702,406	12/30/97	Vilsmeier et al.			
		5,748,767	05/05/98	Raab			
		5,769,861	06/23/98	Vilsmeier			
		5,772,594	06/30/98	Barrick			
		5,792,147	08/11/98	Evans et al.			
		5,799,055	08/25/98	Peshkin et al.			
		5,807,252	09/13/98	Hassfeld et al.			
		5,836,954	11/17/98	Heilbrun et al.			
		5,871,018	02/16/99	Delp et al.			
		5,871,445	02/16/99	Bucholz			
		5,880,976	03/09/99	DiGioia III et al.			
		6,002,859	12/14/99	DiGioia III et al.			
		6,016,606	01/25/00	Oliver et al.			
		6,069,932	05/30/00	Peshkin et al.			
		6,083,163	07/04/00	Wegner et al.			
		6,146,390	11/14/00	Heilbrun et al.			
		6,165,181	12/26/00	Heilbrun et al.			
		6,190,320 B1	02/20/01	Lelong			
		6,198,794 B1	03/06/01	Peshkin et al.			
		6,226,548 B1	05/01/01	Foley et al.			
		6,235,038 B1	05/22/01	Hunter et al.			
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		6,285,902 B1	09/04/01	Kienzle, III et al.			
		6,332,891 B1	12/25/01	Himes			
		6,344,853 B1	02/05/02	Knight			
		6,347,240 B1	02/12/02	Foley et al.			
		6,351,659 B1	02/26/02	Vilsmeier			
Examiner:		Date Considered: 10/05					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

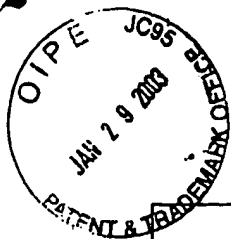
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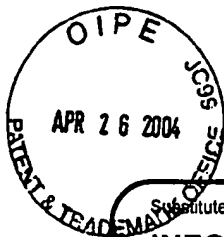
Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket No.: 50642/270979		Application No. 10/084,299			
		Applicant: C. Carson					
		Filing Date: February 27, 2002		Group Art Unit 3764			
NON-U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation
DUPLICATE		WO 97/23172	07/03/97	PCT			
		WO 99/60939	12/02/99	PCT			
		WO 00/47103	08/17/00	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		DiGioia et al., Computer Assisted Orthopedic Surgery, <i>Clinical Orthopaedics</i> , September 1998, Volume 354, pp. 8-16.					
RU		Ellis et al., "A surgical planning and guidance system for high tibial osteotomy," <i>Journal of Computer-Assisted Surgery</i> Vol. 4(5) pp. 264-274, www.cs.queensu.ca/home/ellis/research/pdf/1999-jcas.pdf .					
		Foley et al., "Percutaneous pedicle screw fixation of the lumbar spine," <i>Neurosurg. Focus</i> , Vol. 10(4), pp. 1-8 (2001).					
DUPLICATE		Keifer et al., Computer Aided Knee Arthroplasty Versus Conventional Technique - First Results, First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery (Davos, Switzerland, Feb. 8-10, 2001).					
		Kunz et al., Development and Verification of a Non-CT Based Total Knee Arthroplasty System for the LCS Prosthesis, First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery (Davos, Switzerland, Feb. 8-10, 2001).					
RU		Munoz et al., "Computer assisted planning of high tibial osteotomy for the treatment of knee osteoarthritis," www.utc.fr/esb/esb98/abs.htm/570.html					
		Picard et al., Kneenav.TKR: Concept and Clinical Application (Computer Assisted Orthopedic Surgery USA 2000 Meeting, Pittsburgh, PA., June 15-17, 2000).					
		Saragaglia et al., Computer Assisted Total Knee Arthroplasty: Comparison with a Conventional Procedure, First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery (Davos, Switzerland, Feb. 8-10, 2001).					
DUPLICATE		Simon et al., The Fundamentals of Virtual Fluoroscopy, Medtronic Surgical Navigation Technologies, Medtronic, pp. 57-66 (Computer Assisted Orthopedic Surgery USA 2000 Meeting, Pittsburgh, PA, June 15-17, 2000).					
		Tenbusch et al., First Results Using the Robodoc System for Total Knee Replacement, First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery (Davos/Switzerland, Feb. 8-10, 2001).					
Examiner:		Date Considered:					
Ruth Luth		10/05					
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/084,291
Date Filed:	February 27, 2002
First Named Inventor	Christopher P. CARSON
Group Art Unit	3737
Examiner Name	Pass, Barry
Attorney Docket Number	50642/270979

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>RU</i>		4,952,213	08/28/1990	Bowman, et al.	
<i>RU</i>		5,190,547	03/02/1993	Barber, Jr., et al.	
<i>RU</i>		5,395,376	03/07/1995	Caspari, et al.	
<i>RU</i>		6,200,316 B1	03/13/2001	Zwirkoski, et al.	
<i>RU</i>		6,558,421	05/06/2003	Fell, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
<i>RU</i>		WO 01/91647 A1	12/06/2001	PCT		Abstract
<i>RU</i>		DE 100 31 887 A1	01/17/2002	Germany		Abstract

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 12

Complete if Known

Application Number	10/084,291
Filing Date	02/27/2002
First Named Inventor	Christopher P. Carson
Art Unit	3737
Examiner Name	SMITH, Ruth S.
Attorney Docket Number	50642/270979

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
124	1.	US2001/0001120A1	05/10/2001	Masini	
	2.	US2001/0014772A1	08/16/2001	Lampotang, et al.	
	3.	US2001/0016745A1	08/23/2001	Bullivant, et al.	
	4.	US2001/0039421 A1	11/08/2001	Heilbrun, et al.	
	5.	US2002/0002330 A1	01/03/2002	Vilsmeier	
	6.	US2002/0002365A1	01/03/2002	Lechot	
	7.	US2002/0016540 A1	02/07/2002	Mikus, et al.	
	8.	US2002/0029041 A1	03/07/2002	Hover, et al.	
	9.	US2002/0038085A1	03/28/2002	Immerz	
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	11.	US2002/0065461A1	05/30/2002	Cosman	
	12.	US2002/0068942 A1	06/06/2002	Neubauer, et al.	
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	15.	US2002/077533 A1	06/20/2002	Bieger, et al.	
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	18.	US2002/0095081 A1	07/18/2002	Vilsmeier	
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	22.	US2002/0133175 A1	09/19/2002	Carson	
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	31.	US2003/0069591A1	04/10/2003	Carson	
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	34.	US2003/0153829 A1	08/14/2003	Sarin, et al.	
	35.	US2003/0153859	08/14/2003	Hinshon	
	36.	US2003/0153978A1	08/14/2003	Whiteside	
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**ADDITIONAL
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STATEMENT BY APPLICANT**

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Sheet 2 of 12

Complete If Known

Application Number	10/084,291
Filing Date	02/27/2002
First Named Inventor	Christopher P. Carson
Art Unit	3737
Examiner Name	SMITH, Ruth S.
Attorney Docket Number	50642/270979

38.	US2003/0181918 A1	09/25/2003	Smothers, et al.	
39.	US2003/0187351 A1	10/02/2003	Franck, et al.	
40.	US2003/0187452A1	10/02/2003	Smith et al.	
41.	US2003/192557 A1	10/16/2003	Krag, et al.	
42.	US2004/0019382	01/29/2004	Amirouche, et al.	
43.	US2004/0260290	12/23/2004	Zander et al.	
44.	US2005/0075632 A1	04/07/2005	Russell, et al.	
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47.	1,201,467	10/17/1916	Hoglund	
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49.	3,412,733	11/26/1968	Ross	
50.	3,457,922	07/29/1969	Ray	
51.	3,702,611	11/14/1972	Fishbein	
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65.	4,759,350	07/26/1988	Dunn, et al.	
66.	4,802,468	02/07/1989	Powlan	
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70.	4,913,163	04/03/1990	Roger, et al.	
71.	4,964,862	10/23/1990	Arms	
72.	5,002,545	03/26/1991	Whiteside, et al.	
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74.	5,053,039	10/01/1991	Hofmann, et al.	
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76.	5,092,869	03/03/1992	Waldron	
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78.	5,122,144	06/16/1992	Bert, et al.	

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**ADDITIONAL
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STATEMENT BY APPLICANT**

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Sheet

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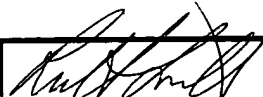
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Examiner Name	SMITH, Ruth S.
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80.	5,213,312	05/25/1993	MacDonald	
81.	5,217,499	06/08/1993	Shelley	
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84.	5,254,119	10/19/1993	Schreiber	
85.	5,289,826	03/01/1994	Kovacevic	
86.	5,360,016	11/01/1994	Kovacevic	
87.	5,364,402	11/15/1994	Mumme, et al.	
88.	5,375,588	12/27/1994	Yoon	
89.	5,379,133	01/03/1995	Kirk	
90.	5,383,454	01/24/1995	Bucholz	
91.	5,389,101	02/14/1995	Heilbrun et al.	
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112.	5,603,318	02/18/1997	Heilbrun, et al.	
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114.	5,643,268	07/01/1997	Vilsmeier, et al.	
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118.	5,682,886	11/04/1997	Delp, et al.	
119.	5,695,501	12/09/1997	Carol, et al.	

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Sheet 4 of 12

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Application Number	10/084,291
Filing Date	02/27/2002
First Named Inventor	Christopher P. Carson
Art Unit	3737
Examiner Name	SMITH, Ruth S.
Attorney Docket Number	50642/270979

120.	5,702,406	12/30/1997	Vilsmeier, et al.	
121.	5,707,370	01/13/1998	Berki, et al.	
122.	5,709,689	01/20/1998	Ferrante, et al.	
123.	5,715,836	02/10/1998	Kliegis, et al.	
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129.	5,743,915	04/28/1998	Bertin, et al.	
130.	5,748,767	05/05/1998	Raab	
131.	5,755,725	05/26/1998	Druais	
132.	5,755,803	05/26/1998	Haines, et al.	
133.	5,769,861	06/23/1998	Vilsmeier	
134.	5,772,593	06/30/1998	Hakamata	
135.	5,772,594	06/30/1998	Barrick	
136.	5,776,064	07/07/1998	Kalfas, et al.	
137.	5,782,842	07/21/1998	Kloess, et al.	
138.	5,792,147	08/11/1998	Evans, et al.	
139.	5,799,055	08/25/1998	Peshkin, et al.	
140.	5,800,352	09/01/1998	Ferre, et al.	
141.	5,800,438	09/01/1998	Tuke, et al.	
142.	5,807,252	09/15/1998	Hassfeld, et al.	
143.	5,810,827	09/22/1998	Haines, et al.	
144.	5,810,841	09/22/1998	McNeirney, et al.	
145.	5,817,097	10/06/1998	Howard, et al.	
146.	5,836,954	11/17/1998	Heilbrun, et al.	
147.	5,848,967	12/15/1998	Cosman	
148.	5,850,836	12/22/1998	Steiger, et al.	
149.	5,860,981	01/19/1999	Bertin, et al.	
150.	5,865,809	02/02/1999	Moening, et al.	
151.	5,871,018	02/16/1999	Delp, et al.	
152.	5,871,445	02/16/1999	Bucholz	
153.	5,879,352	03/09/1999	Filoso, et al.	
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155.	5,880,976	03/09/1999	DiGioia III, et al.	
156.	5,885,296	03/23/1999	Masini	
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159.	5,920,395	07/06/1999	Schulz	
160.	5,921,992	07/13/1999	Costales, et al.	

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Examiner Signature		Date Considered	10/05
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Sheet

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of

12

Complete if Known

Application Number	10/084,291
Filing Date	02/27/2002
First Named Inventor	Christopher P. Carson
Art Unit	3737
Examiner Name	SMITH, Ruth S.
Attorney Docket Number	50642/270979

161.	5,925,049	07/20/1999	Gustilo, et al.	
162.	5,935,128	08/10/1999	Carter, et al.	
163.	5,938,665	08/17/1999	Martin	
164.	5,944,722	08/31/1999	Masini	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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